



Environment exam (Carry-over)

Duration :2h

Name:

First name :

Group:

Exercise 1: (3 points)

Define the following words:

Soil pollution:

Eutrophication

Photochemical pollution:

Wastewater treatment plant:

Greenhouse effect:

Sustainable development:

Exercise 2 (3 points):

Check the correct answer:

a) The largest air pollutant is:

Pesticides

CO₂

lead

b) The oil spill is caused by the accident of:

Oil tanker at sea

Train on the rails.

c) Acid rain is caused mainly by:

Atmospheric pollutants

Soil pollutants

d) Photochemical pollution is pollution caused mainly by:

UV radiation

Wind



e) Recycling means:

Reuse the same material

Use a new material

f) Particulate air pollutants include:

PM₁₀

CO₂

Heavy metals

Exercise 3 (14 points)

Answer the following questions:

1) What are the consequence of global warming on seas and oceans? (2 points)

2) List some phenomena caused by air pollution. (3 points)

3) List the processes used in wastewater treatment stations to purify water. (4 points)

4) What are the causes of soil pollution? (2 points)

5) Provide global solutions to environmental pollution. (3 points)

Good luck

● UV radiation

○ Wind

e) Recycling means:

● Reuse the same material

○ Use a new material

f) Particulate air pollutants include:

● PM₁₀

○ CO₂

○ Heavy metals

Exercise 3 (14 points)

Answer the following questions:

1) The consequence of global warming on seas and oceans? (2 points)

-Melting ice and rising sea and ocean levels.

-Extinction of marine species.

2) List some phenomena caused by air pollution. (3 points)

-Global warming.

-Greenhouse effect.

-Acid rain.

3) The processes used in wastewater treatment stations to purify water. (4 points)

-Pretreatment: screening, grit removal and oil removal.

-Primary treatment: decantation.

-Secondary treatment: a biological treatment stage where bacteria are used to eliminate pollutants.

-Tertiary treatment: aims to eliminate residual pollutants such as phosphorus, nitrogen, pathogens, and micro pollutants. It uses physical (filtration) and chemical (disinfection, phosphorus removal) methods.

4) What are the causes of soil pollution? (2 points)

-Waste management.

-Intensive agricultural activities.

5) Provide global solutions to environmental pollution. (3 points)

-Sustainable development.

-Waste reduction: Prioritize reusable materials.

-Use of clean energy: solar energy.